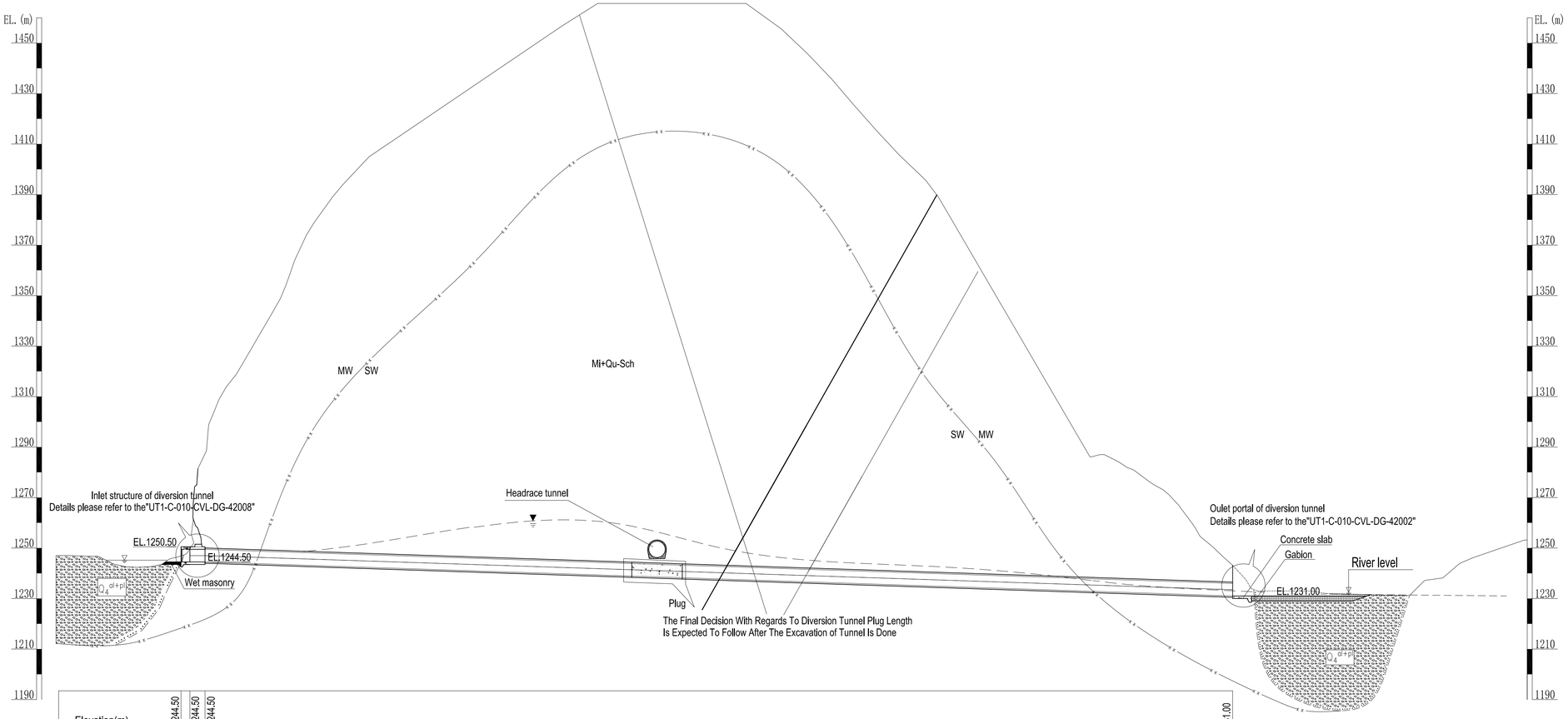
Longitudinal Profile of Diversion Tunnel

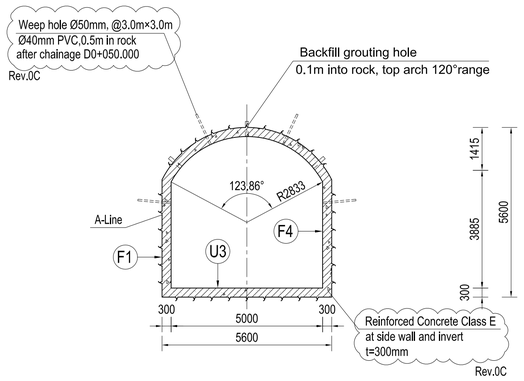
Scale 1:1000



| | | |

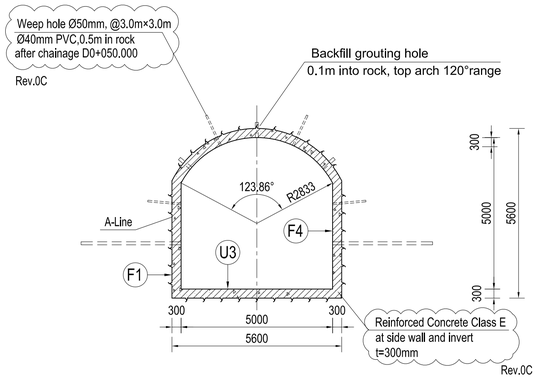
Typical Cross Section D1
(for rock class II)

Scale 1:100



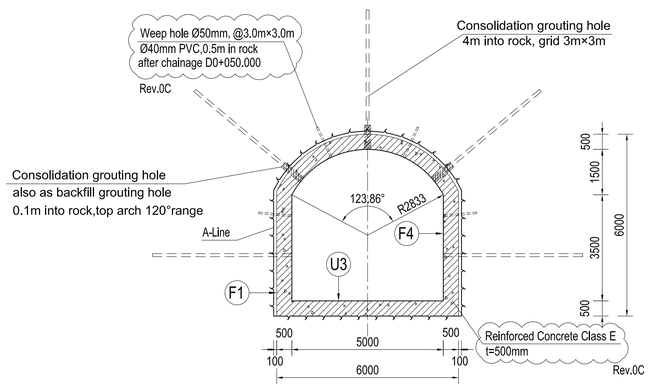
Typical Cross Section D2
(for rock class III)

Scale 1:100



Typical Cross Section D3
(for rock class IV)

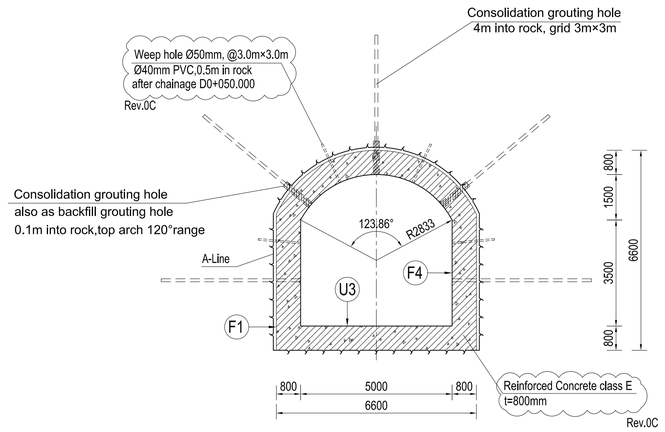
Scale 1:100



Typical Cross Section D4 (for plug)
CHAINAGE D0+175.039-D0+195.039

Rev.0C

Scale 1:100



Formed Surfaces

- F1 Upon or against which backfill or concrete is to be placed.
- F2 Not permantently concealed by backfill or concrete, and not required to have F3 or higher.
- F3 Structures prominently exposed to public view where appearance is of special importance.
- F4 Subject to destructive water flow velocities including the surfaces within 3m D/S of hydraulic gates.

Unformed Surfaces

- U1 Screeded finish
- U2 Floated finish
- U3 Troweled finish

SCALE:
1:100 0 1 2 3 4 5m

NOTE

1. Coordinates, chainages & elevations are in meters,and all dimensions are in millimeters unless otherwise stated.
2. Symbol description:
   A-Line is the design excavation line.
   D denotes deformed bar, yield strength of the deformed bar is 500MPa;
3. Strength specification of concrete & shotcrete:
   (1) Concrete class E: Cylinder specified compressive strength 24MPa at 28 days.
   (2) Shotcrete: Cylinder specified compressive strength 25MPa at 28 days.
4. Other notes refer to the 1st drawing.

REFERENCE DRAWINGS

UT1-PC-DHI-TE-MS-037	Concrete Linning Method Statement of DT
UT1-C-010-CVL-DG-42001	Arrangement Drawing of Diversion Tunnel
UT1-C-010-CVL-DG-42002	Excavation and Support Drawing of Inlet and Outlet of Diversion Tunnel
UT1-C-010-CVL-DG-42003	Excavation and Initial Support Drawing of Diversion Tunnel
UT1-C-010-CVL-DG-42008	Outline of Diversion Tunnel Intake Tower

SYMBOL AND LEGEND

FOR APPROVAL

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REV. NO.	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.
0C	18.May,2022	As RN-0115	DONG Z.Z.	LEI Y.G.	HAN J.B. LUO L.
0B	14.May,2022	As RN-0108	DONG Z.Z.	LEI Y.G.	HAN J.B. LUO L.
0A	15.MAR,2022	FIRST ISSUE	DONG Z.Z.	LEI Y.G.	HAN J.B. LUO L.

PROJECT TITLE

Upper Trishuli-1 HEP (216MW)

OWNER

NWEDC NEPAL WATER AND ENERGY DEVELOPMENT CO. PVT. LTD.

OWNER'S ENGINEER

TRACTEBEL ENGIE JADE CONSULT

CONTRACTOR

DOOSAN Enerbility

DRAWING TITLE

OUTLINE DRAWING OF DIVERSION TUNNEL LINING(2/2)

DRAWING NUMBER	SHEET NO.	REV. NO.
UT1-C-010-CVL-DG-42005-2	2 OF 2	0C

A1 (594 x 841 MM)